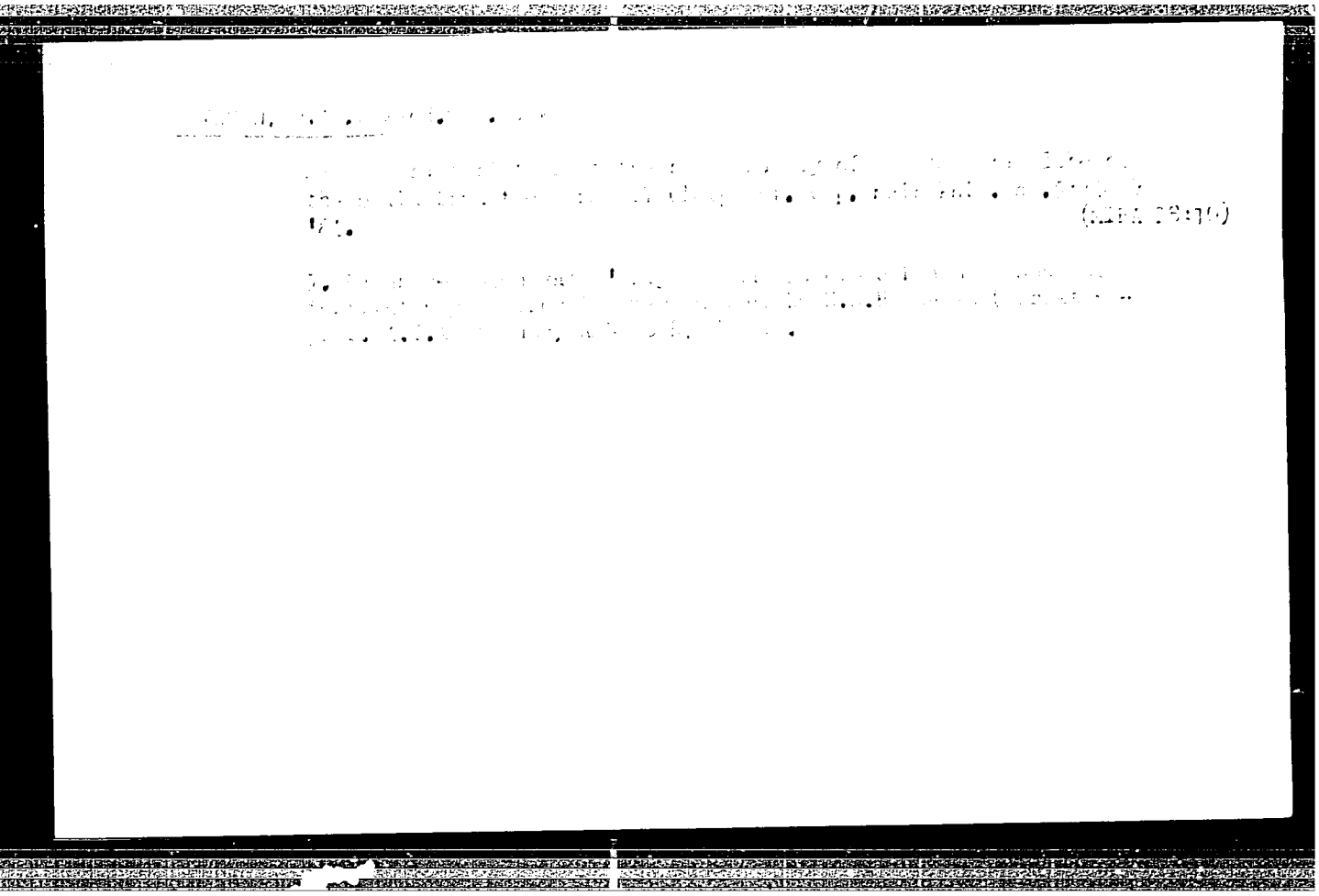
KANDEL', Eduard Izrailevich; VASIN, N.Ya., red.

[Parkinsonism and its surgical treatment] Parkinsonizm i ego khirurgicheskoe lechenie. Moskva, Meditsina, 1965. 382 p. (MIRA 18:8)



KISELEV, I.S., elektromekhanik; KHLOPITSKIY, A.I., starshiy elektromekhanik; VASIN, P.V., elektromekhanik

Suggestions efficiency experts. Avtom., telem. i sviaz'. 4 no.5:36-37 My '60. (MIRA 13:8)

1. Kislovodskaya distantsiya signalizatsii i svyazi Severo-Kavkazskoy dorogi (for Kiselev). 2. Minskaya distantsiya signalizatsii i svyazi Belorusskoy dorogi (for Khlopitskiy).
(Railroads—Switching) (Railroads—Signaling)

VASIN, R.A.; KARIMBAYEV, T.D.

Applicability of some plasticity theories for describing complex processes of loading. Vest. Mosk. un. Ser. 1:Mat., mekh. no.6:62-64 N-D '62. (MIRA 16:2)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
(Plasticity)
(Strains and stresses)

VASIN, R.A.

Proof of some theorems in the flow theory for hardening solids. Vest. Mosk. un. Ser.1: Mat.,mekh. 17 no.5:60-64 S-O '62. (MIRA 15:9)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
(Strains and stresses)
(Plasticity)

VASIN, R.A. (Moskva)

Relationship between stresses and strains for the trajectory of deformations shaped as two-link broken lines. Prikl. mekh. 1 no.11:89-94 '65. (MIRA 19:1)

1. Moskovskiy gosudarstvennyy universitet. Submitted March 19, 1965.

L 18426-66 EWT(m)/EWP(w) IJP(c) EM

ACC NR: AP6003441 SOURCE CODE: UR/0035/66/000/001/0085/0089

AUTHOR: Vasin, R. A. 34 13

ORG: Scientific Research Institute of Mechanics, Moscow State University (Nauchno-issledovatel'skiy institut mekhaniki, Moskovskiy gosudarstvennyy universitet)

TITLE: On the inversion of relationships between strain rates and stress rates in the theory of flow

SOURCE: Moscow. Universitet. Vestnik. Seriya 1. Matematika, mekhanika, no. 1, 1966. 85-89

TOPIC TAGS: strain rate, stress rate, material science, inversion, strain hardening, stress analysis

ABSTRACT: A condition is established for the hardening function h which ensures the existence and uniqueness of the inversion of the relationship between strain rates and stress rates (h may be a function of stress rates). Strain and stress rates are related by

$$\dot{e}_{ij} = A_{ijkl}\dot{\sigma}_{kl} + \dot{a}_{ij}$$

where for an ideally plastic material

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UDC: 539.3

L 18426-66

ACC NR: AP6003441

$$\vartheta_{ij} \equiv \dot{e}^{p}_{ij} = \lambda \frac{\partial f}{\partial \sigma_{ij}} \begin{cases} \lambda = 0, & \text{if } f < 0 \quad \text{or} \quad f = 0, \ \dot{f} < 0 \\ \lambda > 0, & \text{if } f = 0 \text{ and } \dot{f} = 0 \end{cases}$$

and for a reinforced material

$$\vartheta_{ij} \equiv \dot{e}^{p}_{ij} = h \frac{\partial f}{\partial \sigma_{ij}} \dot{f} \begin{cases} h = 0, & \text{if } f < 0 \text{ or } f = 0, \ \dot{f} < 0 \\ h > 0, & \text{if } f = 0, \ \dot{f} > 0 \end{cases}$$

where h is independent on the stress rate. The inverse relationship is proved in a manner which is different from that of the earlier proof made by V. T. Koyter (Obshchiye teoremy uprugo-plasticheskikh sred. Bibl. sbornika Mekhanika, M. IL. 1961). The author first proves that the inverse exists and is unique, and then he establishes a condition for the continuity of the inverse relationship. Certain partial solutions of the continuity condition equation are analyzed. Some classes of h are related to classes of the same function as developed previously by the author (O dokazatel'stve teorem teoriy techeniya dlya uprochnyayushchikhsya tel. Vesti. Mosk. un-ta, Matem., mekh., No. 5, 60-64, 1962). Orig. art. has: 12 equations.

SUB CODE: 20 SUBM DATE: 06Mar65/ ORIG REF: 004/ OTH REF: 001

Card 2/2 mc

VASIN, S.

How the skiers should prepare for winter. Prof.-tekh. obr. 21 no.12:20-21 D '64. (MIRA 18:2)

1. Instruktor fizicheskogo vospitaniya professional'no-tekhnicheskogo uchilishcha No.75, Moskva.

VASIN, Sergey Mikhaylovich; KOKOSOV, L.V., redaktor; SOKOLOV, R.Ya., tekhnicheskiy redaktor.

[Work practice of a group manning a radio reception and rediffusion center] Opyt raboty kollektiva usilitel'nogo punkta. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1954. 18 p. (MLRA 8:5)
(Radio)

VASIN, V.

At the Soviet industrial exhibition in Baghdad. Vnesh.torg 30 no.5:13-14 '60. (MIRA 13:5)
(Baghdad--Exhibitions)
(Russia--Industries)

VASIN, V.

U.S.S.R. exports airplanes. Vnesh. torg. 42 no.8:11-13 '62.
(MIRA 15:9)

1. Zamestitel' direktora Vsesoyuznoy kontory "Aviaeksport".
(Airplane industry)

VASIN, V., polkovnik, kand. ekonom. nauk

Antinational essence of the capitalist " regulated economy".
Komm. Vooruzh. Sil 4 no.15:49-54 Ag '64.
(MIRA 17:10)

VASIN, V.

Triumph of Soviet aviation technology. Kryl. rod. 16 no.9:12-14 S '65. (MIRA 18:12)

1. Zamestitel' predsedatelya Vsesoyuznogo ob"yedineniya "Aviaeksport".

S/203/61/001/006/015/021
D055/D113

AUTHORS: Vasin, V.A., and Grishkevich, L.V.

TITLE: On ionospheric effects observed during the solar eclipses of December 2, 1956 and February 15, 1961 in Gor'kiy

PERIODICAL: Geomagnetizm i aeronomiya, v. 1, no. 6, 1961, 949-954

TEXT: Solar eclipses in the E and F2 layers of the ionosphere, observed at Gor'kiy on December 2, 1956 and February 15, 1961, are described. Although both eclipses took place almost concurrently, their influence on the ionosphere, especially the F2 layer, was different. The most probable values for the α_{eff} and J_o coefficients were calculated from data relating to the first eclipse: for the E layer they were $0.25 \cdot 10^{-8}$ cm^3 sec^{-1} and 150 el/cm^3 sec^{-1} respectively, and for the F2 layer - $2 \cdot 10^{-10}$ cm^3 sec^{-1} and 2300 el/cm^3 sec^{-1}. Both eclipses were partial, the first had a maximum phase on the Earth's surface of 0.73, the second - of 0.94. The second eclipse began at 10 hrs. 20 min. and ended at 12hrs. 46 min, its maximum phase came about 11 hrs. 33 min. Observations of the ionosphere were made every five minutes

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and control observations were made every 15 minutes from February 9-24, to ascertain the effect of the eclipse in the E and F2 layers. There are 2 figures, 1 table and 8 references: 6 Soviet and 2 non-Soviet. The English-language references are: H.M. Cones. J. Res. Nat. Bur. Standards, 1951, 46, 113; W.J.G. Beynon, J.O. Thomas. J. Atmos. and Terr. Phys., 1956. 9, 184-200.

ASSOCIATION: Gor'kovskiy gosudarstvennyy universitet im. N.I. Lobachevskogo. Nauchno-issledovatel'skiy radiofizicheskiy institut (Gor'kiy State University im. N.I. Lobachevskiy. Scientific Research Institute of Radio Physics)

SUBMITTED: September 6, 1961

LEVIN, Isidor Markovich; VASIN, Vasiliy Afanas'yevich

[Production planning under the new conditions] Planirovanie proizvodstva v novykh usloviiakh. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn.znanii RSFSR, 1959. 42 p. (MIRA 14:3)

(Russia--Economic policy)

LETOKHOV, V.S.; VATSURA, V.V.; PUKHLIK, Yu.A.; FEDOTOV, D.I.; KOSOZHIKHIN, A.S.; ZHABOTINSKIY, M.Ye.; DASHEVSKAYA, Ye.I.; KOZLOV, A.N.; RUVINSKIY, L.G.; VASIN, V.A.; YURGENEV, L.S.; NOVOMIROVA, I.Z.; PETROVA, G.N.; SHCHELKOVITSKIY, S.S.; BELYAYEVA, A.A.; BRYKINA, L.I.; GLEBOV, V.M.; DRONOV, M.I.; KONOVALOV, M.D.; TARAPIN, V.N.; MIKHAYLOVSKIY, S.S.; ZHEGALIN, V.G.; ZHABIN, A.I.; GRIBOV, V.S.; MAL'KOV, A.P.; CHERNOV, V.N.; RATNOVSKIY, V.Ya.; VOROB'YEVA, L.M.; MILOVANOVA, M.M.; ZARIPOV, M.F., KULIKOVSKIY, L.F.; GONCHARSKIY, L.A.; TYAN KHAK SU

Inventions. Avtom. i prib. no.1:78-80 Ja-Mr '65. (MIRA 18:8)

VASIN, V.B.

Role of ecologic factors in the development of chocolate spot disease of beans. Nauch. dokl. vys. shkoly; biol. nauki no.1:141-144 '66. (MIRA 19:1)

1. Rekomendovana kafedroy nizshikh rasteniy Moskovskogo gosudarstvennogo universiteta. Submitted January 4, 1965.

SIZOVA, T.P.; VASIN, V.B.

Mycoflora of the oak rhizosphere. Biul. MOIP. Otd. biol. 66 no.4: 102-115 Jl-Ag '61. (MIRA 14:7)
(MOSCOW REGION--OAK) (RHIZOSPHERE MICROBIOLOGY)

ZIMA, Vaslav[Zima Vaclav]; KUBIN, Boris; VASIN, V.I.[translator]; DMITRIYEV, V.I., red.

[Electronic methods for measuring small time intervals. Translated from the Czech] Elektronnye metody izmereniia malykh intervalov vremeni. Moskva, Energiia, 1965. 245 p. (MIRA 18:10)

VADIK, V.I., inzhener.

Regulating the speed of squirrel-cage motors. Vest.elektroprom. 27 no.9:44-49 S '56. (MLRA 10:9)

1. TSentral'noye konstruktorskoye byuro "Elektroprovod." (Electric motors, Induction)

DUGANOV, G.V., doktor tekhn.nauk; VASIN, V.I., gornyy inzh.; SHILOV, P.D., kand.tekhn.nauk

"Local ventilation in metal mines" by IA.Z.Bukhman, U.Kh.Bakirov. Reviewed by G.V.Duganov, V.I.Vasin, P.D.Shilov. Gor.zhur. no.8:77-79 Ag '62. (MIRA 15:8)

1. Dnepropetrovskiy gornyy institut (for Duganov).
(Mine ventilation) (Bukhman, IA.Z.) (Bakirov, U.Kh.)

VASIN, V.K.

Pneumatic lifter of furnace caps. Mashinostroitel' no.4:28 Ap '62. (MIRA 15:5)

(Furnaces, Heat treating)

VASIN, V.K.

Automatic hardening of plane surfaces. Mashinostroitel' no.4:4 Ap '65. (MIRA 18:5)

LITKENS, I.V., kand.tekhn.nauk; VASIN, V.P., inzh.; GAMAZIN, S.I., inzh.

Study of the steady-state stability of automatically controlled electrical systems with consideration of regular perturbations. Elektrichestvo no.12:7-13 D '65. (MIRA 18:12)

1. Problemnaya laboratoriya elektricheskikh sistem Moskovskogo energeticheskogo instituta.

[illegible], Vladimir Pavlovich, kand. ekon. nauk, ots.; LITVINSKAYA, T.S., red.; [illegible], V.I., red.

[Imperialist militarism as a threat to peace] Imperialisticheskii militarizm - ugroza miru. Minsk, Vyshaia shkola, 1964. 158 p. (MIRA 17:10)

VENIKOV, Valentin Andreyevich; LITKENS, Irina Vladimirovna. Prinimali uchastiye SOLDATKINA, L.A., dots.; VASIN, V.P., inzh.; KHRUSTALEVA, N.I., red.

[Mathematical principles of the theory of automatic control of the operation of electrical systems] Matematicheskie osnovy teorii avtomaticheskogo upravleniia rezhimami elektrosistem. Moskva, Vysshaia shkola," 1964. 201 p.
(MIRA 17:4)

LITKENS, I.V., kand. tekhn. nauk; VA[illegible]N, V.P., inzh.

Operation of electrical systems with reclosing near the threshold of stable operation. Elektrichestvo no.6:24-31 Je'64 (MIRA 17:7)

1. Moskovskiy energeticheskiy institut.

MASLOVA, I.N.; VASIN, Ye.M.

Improvement of apparatus used in ultramicroanalysis. Zav. lab. 30 no.9:1145-1146 '64. (MIRA 18:3)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.

VASIN, Yu., inzh.

Raising a pipe with a height of 100 meters. Na stroi. Ros. 4 no.5:12 My '63. (MIRA 16:5)
(Chimneys)

VASIN, Yu.G., inzh.

Fixing pipes. Mov.tekh.mont.i spets.rab.v stroi. 21 no.7:17-18 Jl '59. (MIRA 12:10)

1. Stroitel'no-montazhnyy uchastok No.5 tresta Neftezavodmontazh.
(Pipe)

VASIN, Yu.G., inzh.; CHEGENEV, I.P., inzh.

Assembly of reaction units at a synthetic rubber plant. Mont. i spets. rab. v stroi. 25 no.5:4-5 My '63. (MIRA 16:7)

1. Trest Neftekhimmontazh i Kuybyshevskiy filial Gosudarstvennogo instituta po vnedreniyu peredovykh metodov raboty i truda v stroitel'stve.
(Kuybyshev--Rubber industry--Equipment and supplies)

VASIN, Yu.M., inzh.

Simplified gluing of wood with a preliminary two-side heating. Der.prom. 11 no.3:8-9 Mr '62. (MIRA 15:2)

1. Moskovskiy lesotekhnicheskiy institut.
(Woodwork)

VASIN, Yu.M.

Rapid gluing of wood with preliminary heating. Der. prom. 10 no.7:6-8 Jl '61. (MIRA 14:7)

1. Moskovskiy lesotekhnicheskiy institut.
(Gluing) (Wood)

VASIN, Yu.M.

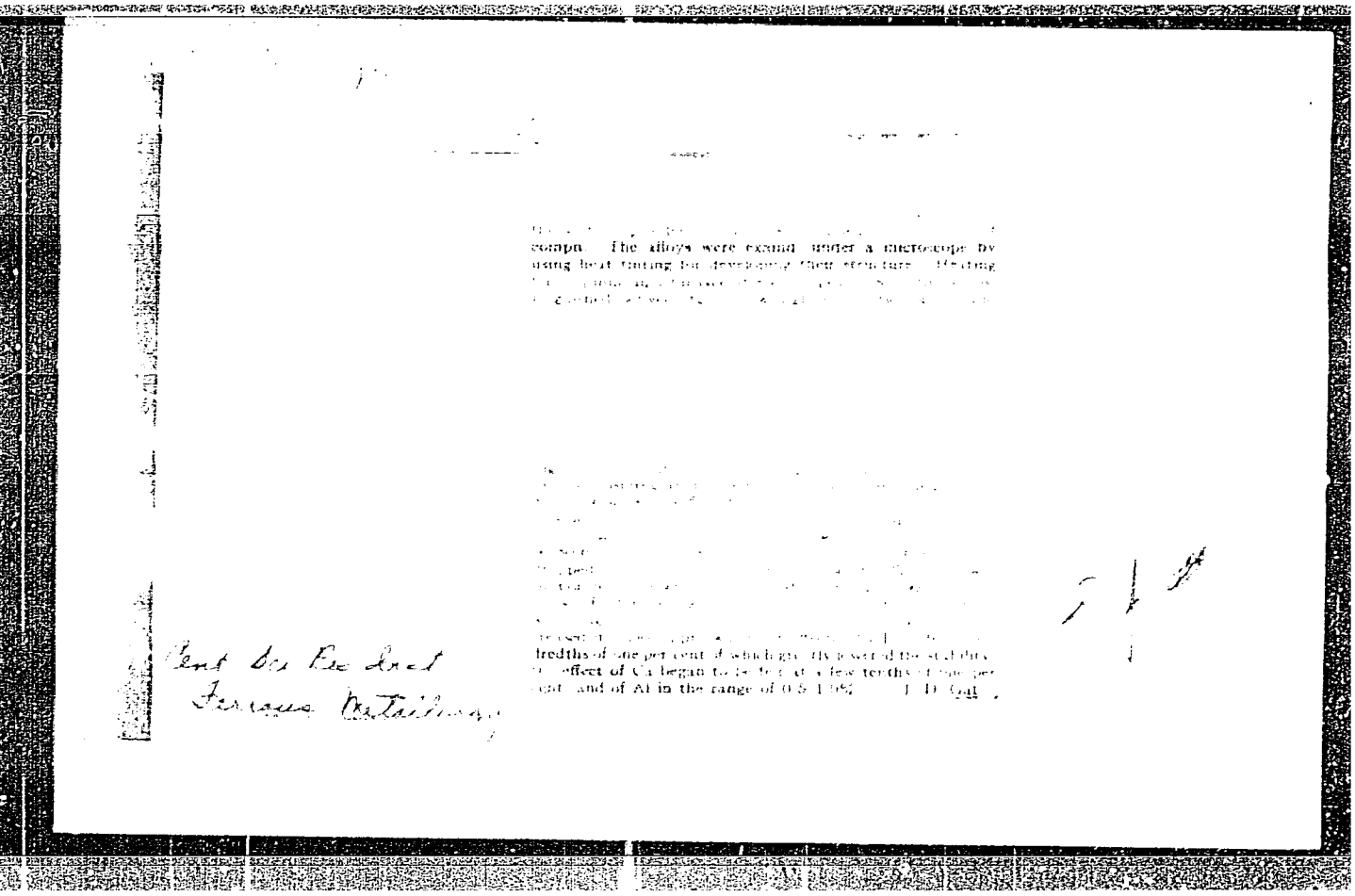
Investigating the process of heating wooden parts with a contact heater. Der. prom. 12 no.7:9-12 Jl '63. (MIRA 16:8)

(Gluing) (Varnish and varnishing)

VASIN, Yu.M.

Studying the process of heating wood parts by a radiation heater. Der. prom. 13 no.5:7-10 My '64. (MIRA 17:6)

1. Moskovskiy lesotekhnicheskiy institut.



VASIN, Yu. P.

"Increasing the Strength of High Percentage Ferrosilicon." Cand Tech Sci, Inst of Metallurgy imeni A. A. Baykov, Acad Sci USSR, Moscow, 1955. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

VASIN, Yu.P.

Core drying in a high-frequency electric field. Lit. proizv. no.2: 7-10 F '58. (MIRA 11:3)
(Coremaking) (Induction heating)

VASIN, Yu.P., kand.tekhn.nauk

Reasons for the crumbling of ferrosilicon. Izv.vys.ucheb.zav.; chern. met. no.9:29-36 S '58. (MIRA 11:11)

1. Chelyabinskiy politekhnicheskiy institut.
(Ferrosilicon)

CHERNOGOROV, Pavel Vasil'yevich, prof.; VASIN, Yuriy Petrovich, dotsent, kand.tekhn.nauk; SVET, Ye.B., red.; KOLBICHEV, V.I., tekhn.red.

[Method of reducing riserheads on castings] Metod umen'shenila pribylei v otlivkakh. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1959. 56 p. (MIRA 13:5)

(Founding)

CHERNOGOROV, P.V.; VASIN, Yu.P.; BOBROV, A.V.

New molding material to avoid sand skin. Lit. proizv. no.1:4-5 Ja '59. (MIRA 12:1)

(Founding) (Sand, Foundry)

18.4000

77682
SOV/[illegible]

AUTHORS: Chernogorov, P. V., Vasin, Yu. P.

TITLE: Shortening the Drying Period of Shell Molds in Precision Casting Production Using Lost Wax Method

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, 1960, Nr 1, pp 47-52 (USSR)

ABSTRACT: This is a description of an investment casting process used at the Chelyabinsk Tractor Plant (Chelyabinskiy traktornyy zavod) and a proposed improvement of the process. By the present process the pattern is prepared from easily melted modeling composition in steel dies. The refractory coating is put on the surface of the pattern in 4 layers. The first 2 layers consist of hydrolyzed solution of ethyl silicate (tetraethoxysilane) and powdered quartz. In the 2 other layers water glass is used instead of silicate. The refractory coatings of the first 2 layers are dried in the air for not less than 1.5 hours, then held for 0.5 hours in ammonia closet, then again held in the air for not less than 0.5 hours. After cooling with water

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Shortening the Drying Period of Shell Molds in Precision Casting Production Using Lost Wax Method

SOV/[illegible]

glass suspension (third and fourth layer), the pattern is dusted with sand containing 4% ammonia. Holding: after dusting the third layer for 10 minutes; and after dusting the fourth layer for 15 to 45 minutes. The patterns are eliminated from the molds by hot water. The washed molds are dried and roasted. One of the main elements in technology of precision casting by lost wax method is the process of drying the refractory shell molds. The investigations of K. A. Andrianov and M. B. Sobolevskiy (High molecular weight organosilicon compounds, Oborongiz, 1949). I. I. Liperenko et al.(Ethyl silicate (tetraethoxysilane) in precision casting, Collection "Precision Casting," [illegible]). Ye. I. Neymark (Silicagel, properties, application, and methods of its production, Advances in Chemistry, 1956. Vol XXV, Nr 6, pp 748-769) and Ye. I. Neymark, N. A. Piontkovskaya, I. B. Slinyakova (Role of coagulation of silicic acid sol and the [illegible] of the silica gel. Colloidnyy. Zhurnal. 1956, Nr 1, p 61) found that the kinetics of refractory shells formation lead to the conclusion that the speed of drying the refractory

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Shortening the Drying Period of Shell Molds in Precision Casting Production Using Lost Wax Method

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SOV/[illegible]

shells can be increased by increasing the silica concentration, by the change of concentration of hydrogen ions pH, and the temperature of surrounding medium. The analyses conducted by the authors (with participation of the student Ye. Kostikov in the experimental part of the work) showed that pH of the generally used suspensions vary from 1 to 3. Therefore the subsequent tests for shortening the time of drying of refractory shells were directed toward the possibility of increasing the pH value. The authors arrived at the following conclusions: (1) One of the methods of increasing the productivity of precision casting using the lost wax method is to shorten the drying period of refractory shells. (2) The duration of drying the refractory shells is determined mainly by the acidity of the medium. The change of medium's acidity can be achieved by introducing into the mixture small quantities of calciferous slag, which is a byproduct of ferro-chromium processing. (3) The introduction into the dust of 0.5% of calciferous slag (in relation to

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Shortening the Drying Period of Shell Molds in Precision Casting Production Using Lost Wax Method

SOV/[illegible]

the weight of powdered quartz) assures the decrease of drying time of each layer of refractory shell from 1.5 hours to 10-15 minutes, a complete elimination of smooth medium and steel castings with smooth surface. (.) The future work of improvement of technology should include: (a) elimination of uneven coating of refractory shells by slag; (b) experiments of introducing into dust some clay admixtures, magnesite, iron oxides, etc., also the application of low-grade sands enriched with oxides of calcium, magnesium, and iron; (c) development of the offered technology (under production conditions) and suitable specifications. There are 4 figures; and 4 Soviet references.

ASSOCIATION: Chelyabinsk Polytechnic Institute (Chelyabinskiy politekhnicheskiy institut)

SUBMITTED: June 4, 1958

Card 4/4

CHERNOGOROV, Pavel Vasil'yevich; VASIN, Yuriy Petrovich; LUZIN, P.G., inzh., retsenzent; TSAREVSKIY, B.V., inzh., retsenzent; SIDORENKO, R.A., kand. tekhn. nauk, red.; DUGINA, N.A., tekhn. red.

[Making castings with a smooth surface] Poluchenie otlivok s chistoi poverkhnost'iu. Moskva, Gos. izd-vo mashinostroit. lit-ry, 1961. 143 p. (MIRA 14:7)

(Founding)

VASIN, Yu.P.; CHERNOGOROV, P.V.

Effect of refractory clay on the properties of molding mixtures.
Lit. proizv. no. 4:3-7 Ap '61. (MIRA 14:4)
(Sand, Foundry) (Fire clay)

SUBBOTIN, N.A.; VASIN, Yu.P.

Ease of shakeout of sand mixtures with sodium silicate. Lit. proizv. no.12:5-6 D '61. (MIRA 14:12)
(Sand, Foundry—Additives)

BALZHI, M.F.; BEREZKIN, P.N.; GOL'DSHTEYN, Ya.Ye.; GAL'PERIN, Ye.B.; YEDLICHKO, V.V.; KERAS, A.F.; LEKUS, I.D.; POTEKUSHIN, N.V.; POZDNYSHEV, V.M.; SUBBOTIN, N.A.; SAVINTSEV, R.I.; TAMAROVSKIY, V.M.; SHEREMET'YEV, A.D.; BAKSHI, O.A., kand. tekhn. nauk, retsenzent; BONDIN, Ye.A., inzh., retsenzent; BOYKO, F.I., inzh., retsenzent; VASIN, Yu.P., inzh., retsenzent; LAZAREV, A.A., inzh., retsenzent; SOROKIN, A.I., inzh., retsenzent; KON'KOV, Arkadiy Sergeyevich, dots., red.; DUGINA, N.A., tekhn. red.

[Economy of metals in the machinery industry]Ekonomiia metallov v mashinostroenii. [By]M.F.Balzhi i dr. Moskva, Mashgiz, 1962. 235 p. (MIRA 16:2)
(Machinery--Design and construction)
(Metals, Substitutes for)

VASIN, Yu.P.

Investigation of molding materials in foreign countries. Lit. proizv. no.2:43-46 F '62. (MIRA 15:2)
(Sand, Foundry)

VASIN, Yu. P.

Effect of the coarseness of sand grains on the strength of molding and core mixtures. Izv. vys. ucheb. zav.; chern. met. 5 no.12:138-145 '62. (MIRA 16:1)

1. Chelyabinskiy politekhnicheskiy institut.

(Sand, Foundry—Additives)

S/148/62/000/002/008/008
E071/E435

AUTHORS: Vasin, Yu.P., Nikiforov, A.P.

TITLE: A new method of (quality) control of core mixes

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Chernaya metallurgiya, no.2, 1962, 138-141

TEXT: A method of quality control of core mixes for the content of sulphite lyle at various contents of refractory clay, coarse and fine sands, based on pH measurements of aqueous extracts with an addition of alkali was developed. The method consists of the preparation of a calibration tertiary diagram (clay, sand, sulphite lyle) with curves of a constant pH which can be subsequently used for the control purposes. To increase the sensitivity of the method an addition of alkali or acid to the water extract is necessary. There are 1 figure and 1 table.

ASSOCIATION: Chelyabinskiy politekhnicheskiy institut (Chelyabinsk Polytechnical Institute)

SUBMITTED: January 11, 1961

Card 1/1

VASIN, Yu.P.; NIKIFOROV, A.P.

Determination of soluble glass ration by the pH value. Lit. proizv. no.7:38 Jl '62. (MIRA 16:2)
(Soluble glass—Testing)
(Hydrogen ion concentration)

VASIN, Yuriy Petrovich, dots.; NIKIFOROV, Aleksey Pavlovich, inzh.; CHERNOGOROV, Pavel Vasil'yevich, prof.; [illegible], Ye.B., red.

[New method of testing molding materials] Novyi metod kontrolia formovochnykh materialov. Cheliabinsk, Cheliabinskoe knizhnoe izd-vo, 1963. 65 p. (MIRA 17:8)

VASIN, Yu.P.

Thermodynamic analysis of the gaseous atmosphere in foundry molds. Izv. vys. ucheb. zav.; chern. met. 6 no.2:133-138 '63. (MIRA 16:3)

1. Chelyabinskiy politekhnicheskiy institut.
(Molding (Founding)) (Thermal analysis)

VASIN, Yu.P.

Making steel castings with the use of sand-marshallite molding mixtures. Izv. vys. ucheb. zav.; chern. met. 6 no.9:185-188 '63. (MIRA 16:11)

1. Chelyabinskiy politekhnicheskiy institut.

NIKIFOROV, A.P.; VASIN, Yu.P.

Mold paste to avoid sand sticking on castings and facing mixtures on the basis of chromite from Don Valley deposits. Lit. proizv. no.8:6-7 Ag '63. (MIRA 16:10)

VASIN, Yu.P., dotsent; NIKIFOROV, A.P., inzh.

Rapid method of determining the modulus of liquid glass by the value of the hydrogen index. Stroi.mat. 9 no.3:35-36 Mr '63. (MIRA 16:4)

(Glass)

NEKIFOROV, A.P.; VASIN, Yu.P.; STARTSEV, A.P.

Improving the surface smoothness of steel castings. Lit. i mash. no.3:36 Mr '64. (MIRA 17:4)

NIKIFOROV, A.P.; VASIN, Yu.P.

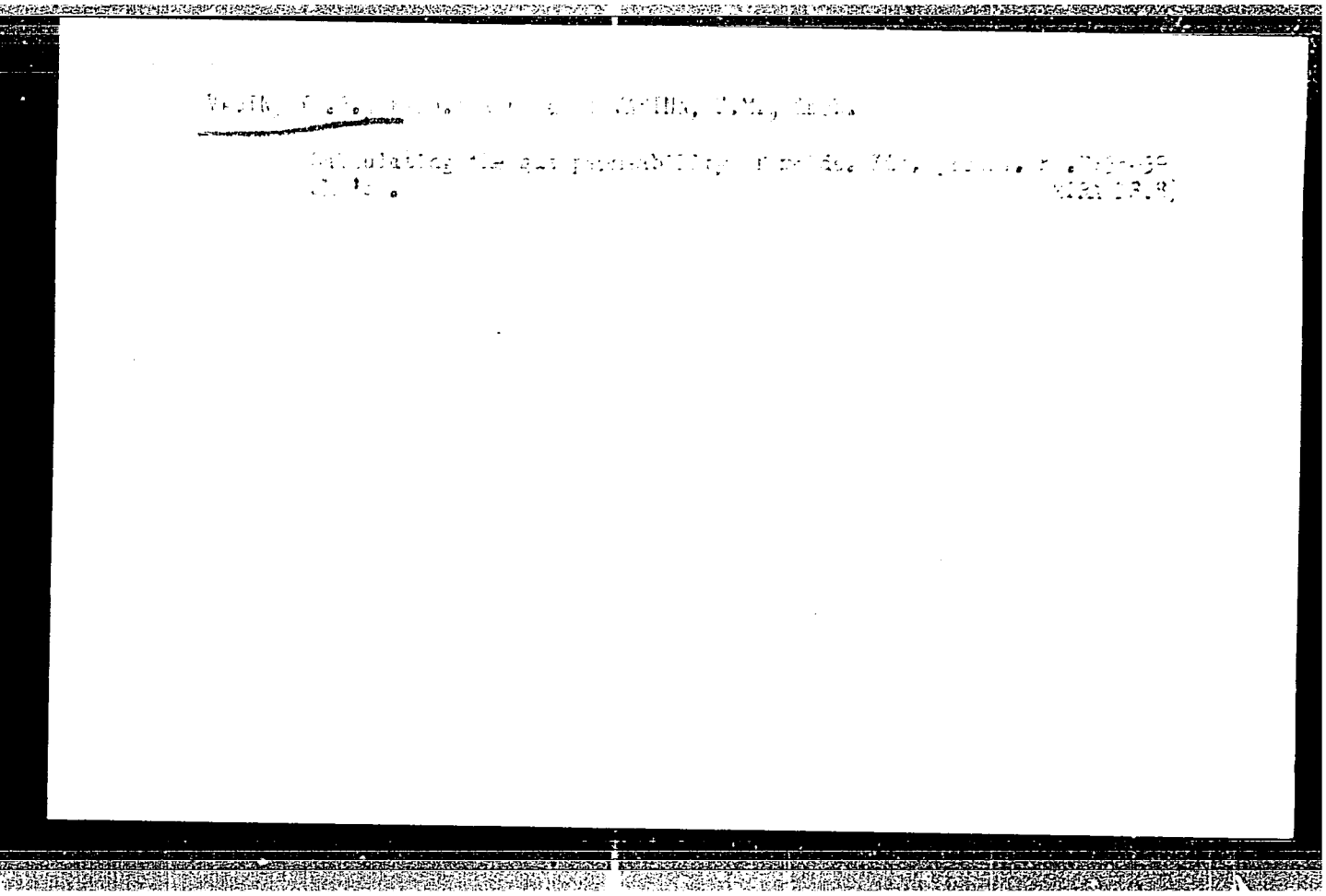
Operative control of the quality of core sand mixtures. Lit. proizv. no.3:40-41 Mr '64. (MIRA 17:5)

VASIN, Yu.P.; CHERNOGOROV, P.V.

Effect of technological factors on the gas permeability of molds.
Lit. proizv. no.9:23-25 S '64. (MIRA 18:10)

VASIN, Yu.P.; NIKIFOROV, A.P.

Method of determining the modulus of water glass. Zav. lab. 30 no.4:41 Ap '64. (MIRA 18:7)



LYSENKO, T.I.; VASINA, A.I.

Documents on Fridtjof Nansen. Vest. AN SSSR 32 no.3:79-83 Mr '62. (MIRA 15:2)
(Nansen, Fridtjof, 1861-1930)

VEDIN, Yu.P., [illegible]

Calculating the gas permeability of [illegible] (MIRA 18:8)

USSR / Cultivated Plants. Medicinal. Essential Oil-Bearing. Toxins. M-7

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6496

Author : Vasina, A. N.
Inst : Institute of Agricultural Information
Title : Potential of Pyrethrum Cultivation (Review)

Orig Pub : Sb. in-ta s.-kh. inform., 1958, No 1, 22-24

Abstract : Pyrethrum (Pyrethrum cinerariaefolium) introduced to Kenya at the beginning of the current century is well acclimatized there and produces a high yield per ha. The crop of dry racemes of pyrethrum attained 7400 t in 1945 and Kenya occupied one of the first places as a supplier of pyrethrum on the world market. However, in the post war years, in connection with the appearance of pre-

Card 1/3

USSR / Cultivated Plants. Medicinal. Essential Oil-Bearing. Toxins. M-7

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6496

Station is conducting studies on the biology of pyrethrum. -- A. G. Vyatkina

Card 3/3

VASINA, A.N., kand. sel'skokhozyaystvennykh nauk

Stalk borer, a pest of medicinal plants. Zashch. rast. ot vred. i bol. 3 no.5:57 S-O '58. (MIRA 11:10)

1. Vsesoyuznyy institut lekarstvennykh i aromaticheskikh rasteniy.

(Borers (Insects))

USSR/General and Specialized Zoology - Insects. Harmful Insects and Acarids. Chemical Means in the Control of Insects and Acarids. P

Abs Jour : Ref Zhur Biol., No 6, 1959, 25425

Author : Vasina, A.N.
Inst : -
Title : Treatment of Seeds of Agricultural Cultures with Systemic Insecticides. (A Review).

Orig Pub : Sb. in. s.-kh. inform., 1958, No 5, 25-27

Abstract : No abstract.

Card 1/1

VASINA, A.N.

Keeping the circles around the tree trunks weed-free. Zashch. rast. ot vred. i bol. 7 no.3:59 Mr '62. (MIRA 15:11)
(Weed control)

VASINA, A.N.; KRYUKOVA, M.A.; SHALAGINA, A.I.

Diseases and pests of ginseng in Moscow Province. Mat. k izuch. zhen'shenia i lim. no.4:171-175 '60. (MIRA 13:9)

1. Vsesoyuznyy institut lekarstvennykh i aromaticheskikh rasteniy.
(MOSCOW PROVINCE—GINSENG—DISEASES AND PESTS)

SKVORTSOV, S.G., inzh.; BYKOVSKIY, G.P., inzh.; VASINA, I.N., inzh.; VORONIN, A.D., inzh.; GEL'BSHTEYN, I.V., inzh.; POLYAKOV, L.L., inzh.; GRECHUSHNIKOV, G.A., inzh., red.

[Catalog of designs of stands, construction yards, equipment and devices for making prestressed reinforced concrete elements] Al'bom-katalog proektov stendov i poligonov, oborudovaniia i prisposobleniі dlia izgotovleniia predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, TSentr. biuro tekhn. inform. No.NZh-2. 1957. 118 p. (MIRA 11:10)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skiy institut tekhnicheskoy pomoshchi stroitel'stvu.
(Prestressed concrete)

DIL'DIN, M.S.; VASINA, I.N.; VORONIN, A.D.; GROMOVAYA, V.B.; PANKOVETS, P.L.; GRECHUSHNIKOV, G.A., inzh., red.

[Album of designs for devices, implements, and instruments for assembling large-block buildings] Al'bom chertezhei prisposoblenii, inventaria i instrumentov dlia montazha krupnoblochnykh zdanii. Vypusk KB-2. Moskva, Biuro tekhn.informatsii, 1958. 155 p. (MIRA 12:9)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Sotrudniki Orgstroya Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu Akademii stroitel'stva i arkhitektury SSSR (for Dil'din, Vasina, Voronin, Gromovaya, Pankovets).
(Building--Tools and implements)

PINSKAYA, R.M.; BASHTA, A.S., EPSHTEYN, P.D.; ROSLIK, S.M.; ARENZON, P.Ya.; KORSUNSKYA, R.M.; VASINA, I.N.; CHEKRYGINA, N.I.; VISHNEVSKAYA, Z.Ya.; KUL'CHITSKAYA, I.Ya.

Treatment of patients with tuberculous meningitis without subarachnoid administration of antibacterial preparations. Probl.tub. 38 no.1:60-67 '60. (MIRA 13:10)
(MENINGES—TUBERCULOSIS)

KOLOSOV, M.N.; POPRAVKO, S.A.; GUREVICH, A.I.; KOROBKO, V.G.; VASINA, I.V.; SHEMYAKIN, M.M.

Tetracyclines. Part 28: Synthesis and reversible isomerization of the derivatives of 9-keto-4,5,10-trihydroxy-1,4,4a,9,9a,10-hexahydroanthracene. Zhur. ob. khim. 34 no.8:2534-2539 Ag '64. (MIRA 17:9)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

VASINA, L.F.

Mobile knotting machine model UP-125-ShL. Tekst.prom.14 no.3:30-31 Mr '54. (MLRA 7:5)
(Textile machinery)

SOV/79-29-1-66/74

AUTHORS: Terent'yev, A. P., Volodina, M. A., Vasina, L. G.

TITLE: Synthesis and Properties of Pyrrolidine Bases (Sintez i svoystva pirrolidinovykh osnovaniy). V. Ethyl Ether of 5-Methyl Prolinol and Its N-Substituted Homologs (V. Etilovyy efir 5-metilprolinola i yego N-zameshchennyye gomologi)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 1, pp 314-317 (USSR)

ABSTRACT: The authors continued their investigations (Refs 1,2) and hydroaminated α-ethoxy-methyl-γ-acetopropyl alcohol (I) in order to obtain the synthesis of the derivatives of 5-methyl prolinol and its N-substituted homologs as some of them are of considerable physiological activity (Ref 5). This paper describes the synthesis of ethyl ether of 5-methyl propinol and its N-substituted homologs (II) carried out by hydroamination of α-ethoxy-methyl-γ-acetopropyl alcohol with formamide and its N-substituted products (Scheme 1). Compound (I) was obtained according to scheme 2. Compound (III) was synthesized from epichlorohydrin in the presence of anhydrous $SnCl_4$ or $BF_3.O(C_2H_5)_2$. Lactone (V) was decarboxylated according to

Card 1/3

Synthesis and Properties of Pyrrolidine Bases. V. Ethyl Ether of 5-Methyl Prolinol and Its N-Substituted Homologs

Vanderwerf (Ref 6) with diluted hydrochloric acid. In connection with the hydroamination of γ-keto alcohol either the formyl derivative of the amine was used or the amine together with formic acid. The addition of a nickel catalyst does not increase the yield, permits, however, a considerable reduction of the reaction temperature. The presence of two asymmetrical centers in the synthesized pyrrolidine bases rendered the separation of the individual products more difficult. In most cases the picrates and picrolonates of pyrrolidines were separated only as not crystallizable oils. Thus, the ethyl ethers of 5-methyl prolinol (IIa), 1,5-dimethyl prolinol (IIb), 1-ethyl-5-methyl prolinol (IIv), and 1-butyl-5-methyl prolinol (IIg) were synthesized in a yield of 40 - 50%. Contrary to expectations, the molecular refraction of the pyrrolidines obtained is smaller than that theoretically calculated. There are 8 references, 5 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet (Moscow State University)

GRANDBERG, I.I.; VASINA, L.G.; KOST, A.N.

Pyrazoles. Part 12: Hydroxy- and chloromethylation of 1-substituted pyrazoles. Zhur.ob.khim. 30 no.10:3324-3328 O '61. (MIRA 14:4)

1. Moskovskiy gosudarstvennyy universitet.
(Pyrazole) (Hydroxymethylation) (Chloromethylation)

GRANDBERG, I.I.; VASINA, L.G.; VOLKOVA, A.S.; KOST, A.N.

Pyrazoles. Part 17: Friedel-Crafts reaction in the pyrazole series. Zhur.ob.khim. 31 no.6:1887-1892 Je '61. (MIRA 14:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Pyrazole) (Friedel-Crafts reaction)

VASINA L. P.

USSR/Chemical Technology - Chemical Products and Their Application. Wood Chemistry Producte. Hydrolysis Industry I-9

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2670

Author : Zingel', M.A., Vasina, L.P.
Inst : -
Title : Production Improvements at the Sukhonskiy Sulfite-Alcohol Plant.

Orig Pub : Gidroliznaya i lesokhim. prom-st', 1957, No 5, 21

Abstract : An enumeration of the improvements (new technology of liquor withdrawing, fermentation method with floating cap, installation of a cyclone separator and high-delivery centrifugal pumps, increased yields of vinasse by means of hycro-traps).

Card 1/1

VASINA, M.

Health university. Mast.ugl. 9 no.12:11 D '60. (MIRA13:12)

1. Rektor Prokop'yevskogo universiteta zdorov'ya, zaveduyushchaya Domom sanitarnogo prosveshcheniya.
(Coal miners--Diseases and hygiene)

TIKHONOVA, M., dvornik (Zagorsk, Moskovskoy obl.); GUROV, T., dvornik (Zagorsk, Moskovskoy obl.); VAS'KINA, A., dvornik (Zagorsk, Moskovskoy obl.); KISELEV, A., dvornik (Zagorsk, Moskovskoy obl.); VASINA, M., dvornik (Zagorsk, Moskovskoy obl.); SHAKALOVA, A., dvornik (Zagorsk, Moskovskoy obl.); TIKHONOVA, P., dvornik (Zagorsk, Moskovskoy obl.); PEROVA, A., dvornik (Zagorsk, Moskovskoy obl.)

An open letter from yard cleaners in Zagorsk. Zhil.-kom. khoz. 13 no.3: 10 Mr '63. (MIR 16:3)

(Cleaning machinery and appliances)

TURSKIY, Yu.I.; MOSHKIN, P.A.; BAKHARASH, L.A.; VASINA, N.F.

Production of the antioxidant additive 2,6-Di-tert-butyl-p-cresol.
Trudy VNII NP no.7:289-297 '58. (MIRA 12:10)
(Lubrication and lubricants--Additives)
(Cresol)

5(2) SOV/75-14-3-19/29

AUTHORS: Shat'ko, P. P., Vasina, N. T., Podol'skaya, V. I., Malkina, L. A., Ponomareva, T. F.

TITLE: Determination of Micro Amounts of Arsenic by Using a Solution of Bivalent Chromium (Opredeleniye mikrokolichestv mysh'yaka s primeneniyem rastvora dvukhvalentnogo khroma)

PERIODICAL: Zhurnal analiticheskoy khimii, 1959, Vol 14, Nr 3, pp 358-359 (USSR)

ABSTRACT: The reduction of the ions of the pentavalent arsenic is carried out on freshly precipitated metallic copper as collector. The copper is precipitated by means of chromium salts and dissolved again with iron ammonium alum, the residue consisting of metallic arsenic is determined iodometrically in the usual way. The method permits the determination of 0.02 mg As in 100-200 ml. It was checked on standard samples of bronze and brass. In the analysis of copper alloys a preceding addition of $CuSO_4$ is not necessary. Tin, lead and other components of bronze and brass do not disturb. There are 1 table and 11 Soviet references.

Card 1/2

SOV/75-14-3-19/29

Determination of Micro Amounts of Arsenic by Using a Solution of Bivalent Chromium

ASSOCIATION: Luganskiy gosudarstvennyy meditsinskiy institut (Lugansk State Medical Institute)

SUBMITTED: June 26, 1958

Card 2/2

VASINA, N.T.

Gravimetric determination of small amourts of lead by use of a chromous salt solution. Zhur.anal.khim. 16 no.2:241-242 Mr-Ap '61. (MIRA 14:5)

1. Lugansk State Medical Institute.
(Lead—Analysis)

VASINA, O.S.

GOFMAN, A.; FREY, A.I.; RUTSHMANN, I.; OTT, Kh.; SHEMYAKIN, M.M.; KISHFALUDI, L.; KOCHETKOV, N.K.; DEREVITSKAYA, V.A.; PROKOF'YEV, M.A.; SHABAROVA, Z.A.; FILIPPOVA, L.A.; SHANKMAN, S.; KHAYGA, S.; LIV, F.; ROBERTS, M.Ye.; GAVRILOV, N.I.; AKIMOVA, L.N.; KHLUDOVA, M.S.; MAKSIMOV, V.I.; IZELIN, B.M.; SHEPPARD, R.K.; SHKODINSKAYA, Ye.N.; VASINA, O.S.; BERLIN, A.Ya.; SOF'INA, Z.P.; LARIONOV, L.F.; KNUNYANTS, I.L.; GOLUBEVA, N.Ye.; KARPAVICHUS, K.I.; KIL'DISHEVA, O.V.; MEDZIGRADSKIY, K.; KAFTAR, M.; LEV, M.; KORENSKI, F.; BUASSONA, R.A.; GUTTMAN, St.; KHOYGENIN, R.L.; ZHAKENO, P.A.; BAZHUS, S.; LENARD, K.; DUAL'SKI, S.; SHREDER, Ye.; SHMIKHEN, R.; KHOKHLOV, A.S.

Results of the Fourth European Symposium on the chemistry of peptides. Abstracts of reports. Zhur. VKHO 7 no.4:468-476 '62. (MIRA 15:8)

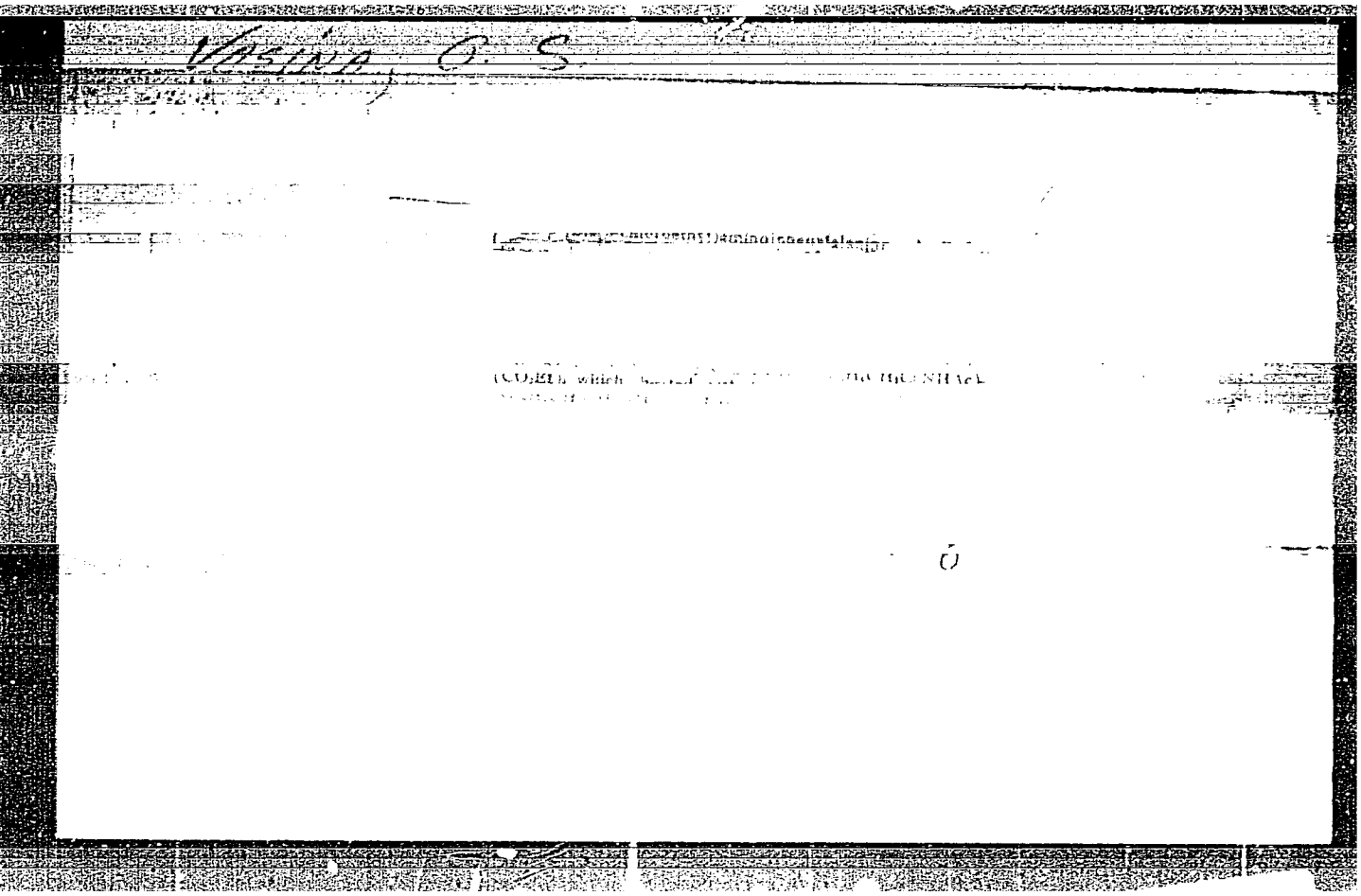
1. Aktsionernoye obshchestvo "Sandos", Bazel', Shveytsariya (for Gofman, Frey, Ott, Rutshmann). 2. Farmatsevticheskaya fabrika "G.Rikhter", Budapesht, Vengriya (for Kishfaludi, Korenski, Dualski). 3. Institut khimii prirodnykh soyedineniy AN SSSR, Moskva (for Kochetkov, Derevitskaya, Shemyakin, Khokhlov). 4. Laboratoriya khimii belka Moskovskogo gosudarstvennogo universiteta (for Prokof'yev, Shabarova, Filippova, Gavrilov, Akimova, Khludova). 5. Fond meditsinskikh issledovaniy, Passadena, Kaliforniya, Sev.Soyed.Shtaty Ameriki (for Shankman, Khayga, Liv, Roberts). 6. Laboratoriya khimii belka Instituta organicheskoy

(Continued on next card)

Gofman, A.,——(Continued) Card 2.

khimii AN SSSR, Moskva (for Maksimov). 7. Aktsionernoye obshchestvo "TSiba", Bazel', Shveytsariya (for Izelin). 8. Liverpul'skiy universitet, Angliya (for Sheppard). 9. Institut eksperimental'noy i klinicheskoy onkolofii AMN SSSR, Moskva (for Shkodinskaya, Vasina, Berlin, Sof'ina, Larionov). 10. Institut elementoorganicheskikh soyedineniy AN SSSR, Moskva (for Knunyants, Golubeva, Karpavichus, Kil'disheva). 11. Institut organicheskoy khimii Budapeshtskogo universiteta, Vengriya (for Medzigradskiy, Kaftar, Lev). 12. Farmatsevticheskiy otdel Aktsionernogo obshchestva "Sandos", Bazel', Shveytsariya (for Buassona, Guttman, Khoygenin, Zhakeno, Rutshmann). 13. Issledovatel'skiy institut farmatsevticheskoy promyshlennosti, Budapesht, Vengriya (for Bazhus, Lenard). 14. Aktsionernoye obshchestvo "Shering", Zapadnyy Berlin (for Shreder, Shmikhen).

(Peptides--Congresses)



U-3

USSR/General Problems of Pathology - Experimental Therapy.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75497

Author : Vodolazskaya, N.A., Novikova, M.A., Shkodinskaya, Ye.N., Vasina, O.S., Berlin, A.Ya., Larionov, L.F.

Inst :

Title : On the Antineoplasmic Activity of Some Sarcolysine Derivatives (dl-n-gu-(2-chloroethyl)-aminophenylalanine.

Orig Pub : Byul. eksperim. biol. i med., 1957, 44, No 11, 76-81

Abstract : Toxic and antineoplasmic action (on sarcoma of 45 rats) of 4 sarcolysine derivatives was studied: Ethyl- (I) and isopropyl (II) ethers of dl-sarcolysine, dl-N-formylsarcolyzine (III) and dl-N-acetylsarcolysine (IV). It was demonstrated that I and II are very similar to sarcolysine in toxicity and antineoplasmic activity. III and IV are less toxic and their antineoplasmic action is weaker. In order to obtain an effect close to that of sarcolysine,

Card 1/2

Lab. Exptl. Chemotherapy, & Lab Chem. Synthesis Inst. Exptl pathology & Therapy of Cancer, Acad Med Sci USSR

-athology - Experimental Therapy

Ref Zhur - Biol., No 16, 1958, 75497 U-3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001859010018-8"

it is necessary to take a dose of III 25 times larger than that of sarcolysine (it often produces partial death of animals), and of IV only 1½ to 2 times as large. --

O.V. Zubova.

Card 2/2

USSR/Medicine-Oncology VASINA, O.S. FD-2430

Card 1/2 Pub 17-13/21

Author : *Larionov, Prof L. F.; Khokhlov, A. S.; Shkodinskaya, Ye. N.; Vasina, O. S.; Trusheykina, V. I.; and Novikova, M. A.

Title : The anti-cancer activity of pava-Di-(2-chloroethyl) aminophenylalanine, Sarcolysine.

Periodical : Byul. eksp. biol. i med. 39, 48-52, Jan 1955

Abstract : Authors set out to find synthetic substitutes for the amino acids whose anti-cancer activities were known. They started out with sarcolysine and describe the process in detail. They also synthesized some analogs to sarcolysine. During the biological investigation 240 rats with spindle-cell sarcomas were used. The sarcolysine was injected intraparietally in a physiological solution in doses of 10 mg/kg at various intervals. It completely resolved cancer growth in all animals tested. Previous preparations did not have similar results. There were some indications of toxicity

of the sarcolysine. The dosage was therefore changed to 3 injections of 5 mg/kg at intervals of 72 hours or a single dose of 15 mg/kg. 12 references, 3 USSR, 3 since 1940. Graphs, tables, and illustrations.

Institution: Division of Chemotheraphy (*Chief, Corresponding Member, Academy of Medical Sciences) Institute of Experimental Pathology and Cancer Therapy (Director, Corresponding Member Academy of Medical Sciences Prof N. N. Blokhin), Academy of Medical Sciences.

Submitted : November 16, 1954

SHKODINSKAYA, E.N.; VASINA, O.S.; BERLIN, A.Ya.; SOF'INA, Z.P.; LARIONOV, L.F.

Synthesis and biological investigation of optically active cytotoxic peptides. Coll Cz Chem 27 no.9:2254-2255 S '62.

1. Institute of Experimental and Clinical Oncology, Academy of Medical Sciences of the U.S.S.R., Moscow (for Shkodinskaya, Berlin, Sof'ina, and Larionov).

SHKODINSKAYA, Ye.N.; VASINA, O.S.; BERLIN, A.Ya.; SOF'INA, Z.P.; LARIONOV, L.F.

p-Di-(2-chlorethyl)-aminophenylalanine (sarcolysine) and its derivatives. Part 9: Optically active cytotoxic peptides. Zhur. ob. khim. 32 no.1:324-325 Ja '62. (MIRA 15:2)

1. Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.
(Alanine) (Peptides)

SHKODINSKAYA, Ye.N.; KURDYUKOVA, Ye.M.; VASINA, O.S.; BERLIN, A.Ya.

p-Di(2-chloroethyl)aminophenylalanine (sarcolysine) and its derivatives. Part 8: Cholesterol esters of ethylsarcolysine and p-di(2-chloroethyl)aminophenylacetic acid. Zhur.ob.khim. 32 no.3:959-961 Mr '62. (MIRA 15:3)

1. Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.
(CHOLESTEROL ESTERS) (SARCOLYSINE) (ACETIC ACID)

VASINA, R., inzh.

Securing safe fuel feed of the IAA3 engines in winter time. (MIRA 10:12)
Avt.transp. 35 no.11:15-17 N '57.

1.Yaroslavskiy avtozavod.
(Tractors--Cold weather operation)

VAKHRAMEYEV, V.A.; VASINA, R.A.

Lower Jurassic and Aalenian floras of the Northern Caucasus.
Paleont.zhur. no.3:125-133 '59. (MIRA 13:4)

1. Geologicheskiy institut Akademii nauk SSSR.
(Caucasus, Northern--Paleobotany, Stratigraphic)